

=> d his

(FILE 'USPAT' ENTERED AT 11:24:53 ON 30 JUN 1999)
ACTIVATE L084837/L

L1 (112)SEA FILE=USPAT IBDV OR INFECTIOUS BURSAL OR GUMBORO
L2 (12)SEA FILE=USPAT BIRNA?
L3 (41)SEA FILE=USPAT IPNV OR PANCREATIC NECROSIS
L4 (38)SEA FILE=USPAT VP5
L5 (1)SEA FILE=USPAT L4 AND (L1 OR L2 OR L3)
L6 (56)SEA FILE=USPAT IBDV
L7 (1)SEA FILE=USPAT L6 AND L4
L8 (4096)SEA FILE=USPAT ORF OR OPEN READING FRAME#
L9 (41)SEA FILE=USPAT L8 AND (L1 OR L2 OR L3)

L10 2 S L5
L11 51 S L9

=> save all l084837/l

=> d l10 1

1. 5,871,744, Feb. 16, 1999, Method for generating **bimavirus** from synthetic RNA transcripts; Vikram N. Vakharia, et al., 424/205.1, 184.1, 185.1, 186.1, 204.1, 816, 826; 435/71.1, 235.1, 236, 237, 238, 239, 320.1; 536/23.72 [IMAGE AVAILABLE]
=> d l11 1-10

1. 5,911,982, Jun. 15, 1999, Hz-1 virus persistence-associated-gene 1 (PAG1) promoter uses therefor, and compositions containing same or products therefrom; Yu-Chan Chao, 424/93.2; 435/69.1, 320.1, 348; 536/24.1 [IMAGE AVAILABLE]

2. 5,906,821, May 25, 1999, Viral nucleotide sequences; Annette Mary Griffin, et al., 424/229.1, 93.2, 93.6; 435/235.1, 320.1 [IMAGE AVAILABLE]

3. 5,891,442, Apr. 6, 1999, **Infectious** **bursal** disease virus recombination poxvirus vaccine; Enzo Paoletti, et al., 424/199.1, 204.1, 232.1; 435/69.1, 69.3, 235.1, 320.1, 456; 536/23.1, 23.72 [IMAGE AVAILABLE]

4. 5,885,567, Mar. 23, 1999, Treatment of infection in fowl by oral administration of avian interferon proteins; Margaret J. Sekellick, et al., 424/85.4, 85.7, 442 [IMAGE AVAILABLE]

5. 5,871,744, Feb. 16, 1999, Method for generating **bimavirus** from synthetic RNA transcripts; Vikram N. Vakharia, et al., 424/205.1, 184.1, 185.1, 186.1, 204.1, 816, 826; 435/71.1, 235.1, 236, 237, 238, 239,

320.1; 536/23.72 [IMAGE AVAILABLE]

6. 5,853,733, Dec. 29, 1998, Recombinant herpesvirus of turkeys and uses thereof; Mark D. Cochran, et al., 424/199.1, 229.1, 816; 435/69.1, 69.3, 235.1, 320.1 [IMAGE AVAILABLE]

7. 5,849,575, Dec. 15, 1998, Cloning and expression of host-protective immunogens of **IBDV**; Ahmed Abdullah Azad, et al., 435/320.1; 424/185.1, 204.1; 435/69.3, 252.33; 530/350; 536/23.4, 23.72 [IMAGE AVAILABLE]

8. 5,840,574, Nov. 24, 1998, Viral vaccines; Louis Joseph Norman Ross, et al., 435/320.1; 536/23.72 [IMAGE AVAILABLE]

9. 5,834,305, Nov. 10, 1998, Attenuated herpesvirus, herpesvirus which include foreign DNA encoding an amino acid sequence and vaccines containing same; Mark D. Cochran, et al., 435/320.1; 536/23.72 [IMAGE AVAILABLE]

10. 5,830,723, Nov. 3, 1998, Method for immortalizing chicken cells; Douglas N. Foster, et al., 435/467, 235.1, 325, 349, 373 [IMAGE AVAILABLE]

'L084837/L' IN USE

REPLACE OLD DEFINITION? Y(N):y

L# LIST 'L1-L11' HAS BEEN SAVED AS 'L084837/L'

95% OF LIMIT FOR SAVED L# LISTS REACHED

=> log hold

SESSION WILL BE HELD FOR 30 MINUTES

U.S. Patent & Trademark Office SESSION SUSPENDED AT 11:38:55 ON 30 JUN 199

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FILE 'USPAT' ENTERED AT 17:05:20 ON 28 AUG 1998
*****
*      WELCOME TO THE      *
*      U.S. PATENT TEXT FILE      *
*****
=> s ibdv or infectious bursal or gumboro

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56 IBDV

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13465 INFECTIOUS

```

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141 BURSAL

```

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101 INFECTIOUS BURSAL

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(INFECTIOUS(W)BURSAL)

```

```

26 GUMBORO

```

```

L1 112 IBDV OR INFECTIOUS BURSAL OR GUMBORO

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=> s birma?

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```

L2 12 BIRNA?

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=> s ipnv or pancreatic necrosis

```

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4 IPNV

```

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5055 PANCREATIC

```

```

7184 NECROSIS

```

```

40 PANCREATIC NECROSIS

```

```

(PANCREATIC(W)NECROSIS)

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L3 41 IPNV OR PANCREATIC NECROSIS

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```

=> s vp5

```

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L4 38 VP5

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L5 1 L4 AND (L1 OR L2 OR L3)

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=> d

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1. 5,788,970, Aug. 4, 1998, Chimeric **infectious** **bursal** disease
virus CDNA clones, expression products and vaccines based thereon; Vikram
Vakharia, et al., 424/192.1, 202.1; 435/235.1; 530/389.4 [IMAGE
AVAILABLE]

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=> d his

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(FILE 'USPAT' ENTERED AT 17:05:20 ON 28 AUG 1998)

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L1 112 S IBDV OR INFECTIOUS BURSAL OR GUMBORO

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L2 12 S BIRNA?

```

```

L3 41 S IPNV OR PANCREATIC NECROSIS

```

```

L4 38 S VP5

```

```

L5 1 L4 AND (L1 OR L2 OR L3)

```

```

=> set high off

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```

SET COMMAND COMPLETED

```

```

=> s ibdv

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```

L6 56 IBDV

```

```

=> set high on

```

```

SET COMMAND COMPLETED

```

```

=> s l6 and l4

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L7 1 L6 AND L4

```

```

=> s orf or open reading frame#

```

```

1106 ORF

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```

792323 OPEN

```

```

254025 READING

```

```

405849 FRAME#

```

```

3853 OPEN READING FRAME#

```

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(OPEN(W)READING(W)FRAME#)

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L8 4096 ORF OR OPEN READING FRAME#

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=> s l8 and (l1 or l2 or l3)

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L9 41 L8 AND (L1 OR L2 OR L3)

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=> d l9 1-41

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1. 5,789,567, Aug. 4, 1998, Chicken infectious anemia virus vaccine;
Karel A. Schat, et al., 536/23.72; 424/93.2, 199.1, 204.1; 435/69.3,
235.1; 536/23.1 [IMAGE AVAILABLE]

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2. 5,788,970, Aug. 4, 1998, Chimeric **infectious** **bursal** disease
virus CDNA clones, expression products and vaccines based thereon; Vikram
Vakharia, et al., 424/192.1, 202.1; 435/235.1; 530/389.4 [IMAGE
AVAILABLE]

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3. 5,786,342, Jul. 28, 1998, Uses of aloe products in the treatment of
chronic respiratory diseases; Robert H. Carpenter, et al., 514/54, 826;
536/123, 123.1 [IMAGE AVAILABLE]

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4. 5,780,453, Jul. 14, 1998, Uses of aloe products in the treatment of
multiple sclerosis; Bill H. McAnalley, et al., 514/54, 824; 536/123.1
[IMAGE AVAILABLE]

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5. 5,773,425, Jun. 30, 1998, Antineoplastic uses of aloe products; Bill
H. McAnalley, et al., 514/54, 883, 885 [IMAGE AVAILABLE]

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6. 5,744,143, Apr. 28, 1998, Viral vaccines; Louis Joseph Norman Ross,
et al., 424/229.1; 435/320.1; 514/44; 536/23.72 [IMAGE AVAILABLE]

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7. 5,733,554, Mar. 31, 1998, Avian herpesvirus-based live recombinant
avian vaccine, in particular against **Gumboro** disease; Jean-Christophe
Fran.cedilla.is Audonnet, et al., 424/199.1, 204.1, 229.1; 435/235.1,
320.1 [IMAGE AVAILABLE]

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8. 5,703,060, Dec. 30, 1997, Uses of aloe products in the prevention and
treatment of infections and infestations; Bill H. McAnalley, et al.,
514/54, 885 [IMAGE AVAILABLE]

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9. 5,693,530, Dec. 2, 1997, Marek's disease virus nucleotide sequence
and methods of use; Karel A. Schat, et al., 435/320.1; 424/199.1, 202.1,
229.1, 816; 536/23.1, 23.72; 930/224 [IMAGE AVAILABLE]

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10. 5,690,939, Nov. 25, 1997, Recombinant vaccine against marek's disease; Robin Wilson Morgan, et al., 424/229.1; 530/350 [IMAGE AVAILABLE]
11. 5,658,572, Aug. 19, 1997, **Infectious** **bursal** disease virus recombinant poxvirus vaccine; Enzo Paolletti, et al., 424/199.1, 204.1, 232.1; 435/235.1, 320.1; 935/65 [IMAGE AVAILABLE]
12. 5,641,490, Jun. 24, 1997, **Infectious** **bursal** disease virus recombinant poxvirus vaccine; Enzo Paolletti, et al., 424/199.1, 204.1, 232.1; 435/69.1, 69.3, 235.1, 320.1; 935/65 [IMAGE AVAILABLE]
13. 5,620,844, Apr. 15, 1997, Assays for detecting hepatitis B virus envelope antigens or antibodies thereto and diagnostic test kits for use in performing the assays; Alexander R. Neurath, et al., 435/5 [IMAGE AVAILABLE]
14. 5,595,912, Jan. 21, 1997, Specific DNA and RNA sequences associated with US **IBDV** variants, vector carrying DNA sequences, host carrying cloned vector, deduced amino acid sequences, vaccine and method of vaccination; Vikram Vakharia, et al., 435/320.1; 536/23.72 [IMAGE AVAILABLE]
15. 5,587,364, Dec. 24, 1996, Uses of aloe products in the treatment of inflammatory diseases; Bill H. McAnalley, et al., 514/54, 885, 886; 536/123.1 [IMAGE AVAILABLE]
16. 5,565,548, Oct. 15, 1996, Pre-S gene coded peptide hepatitis B immunogens and synthetic lipid vesicle carriers; Alexander R. Neurath, et al., 530/324; 424/184.1, 185.1, 204.1, 227.1, 234.1, 265.1, 275.1, 278.1; 530/325, 326, 327, 345, 402, 403, 404, 810 [IMAGE AVAILABLE]
17. 5,558,867, Sep. 24, 1996, Recombinant Marek's disease virus, process for preparing the same and vaccine containing the same; Masashi Sakaguchi, et al., 424/199.1, 214.1, 229.1; 435/172.3, 235.1, 320.1; 935/32, 65 [IMAGE AVAILABLE]
18. 5,558,860, Sep. 24, 1996, Viral vaccines; Louis J. N. Ross, et al., 424/93.2, 93.21; 435/235.1, 320.1 [IMAGE AVAILABLE]
19. 5,554,525, Sep. 10, 1996, Chicken anemia virus vaccine and diagnostic; Paulus J. A. Sondermeijer, et al., 435/349, 235.1, 252.3, 254.11, 320.1; 536/23.72; 935/12 [IMAGE AVAILABLE]
20. 5,506,128, Apr. 9, 1996, Recombinant infectious bovine rhinotracheitis virus; Mark D. Cochran, et al., 435/235.1; 424/93.2; 435/320.1; 536/23.72 [IMAGE AVAILABLE]
21. 5,491,073, Feb. 13, 1996, Cloning of chicken anaemia DNA; Mathews H. M. Noteborn, et al., 435/69.1, 5, 172.3, 252.3, 320.1, 348, 362; 536/23.72, 24.32; 935/9, 66, 77 [IMAGE AVAILABLE]
22. 5,470,734, Nov. 28, 1995, Recombinant herpesvirus of turkeys and live vector vaccines derived thereof; Paulus J. A. Sondermeijer, et al., 424/229.1, 211.1, 214.1, 816; 435/235.1; 536/23.72 [IMAGE AVAILABLE]
23. 5,441,943, Aug. 15, 1995, Uses of aloe products; Bill H. McAnalley, et al., 514/54, 824; 536/123.1 [IMAGE AVAILABLE]
24. 5,403,582, Apr. 4, 1995, Vaccine comprising fowlpox virus recombinants expressing the envelope glycoprotein of an avian reticuloendotheliosis retrovirus; Keyvan Nazerian, et al., 424/207.1, 199.1; 435/69.3, 172.3, 235.1 [IMAGE AVAILABLE]
25. 5,374,558, Dec. 20, 1994, Fowlpox virus promoter; Matthew M. Binns, et al., 435/320.1, 235.1; 536/23.72, 24.1; 935/6, 32 [IMAGE AVAILABLE]
26. 5,350,575, Sep. 27, 1994, **IBDV** VP2 epitope recognized by virus neutralizing and protective monoclonal antibodies; Ahmed A. Azad, et al., 424/192.1, 204.1; 435/69.3, 69.7, 252.3, 252.33, 320.1; 530/350, 403; 536/23.4, 23.72 [IMAGE AVAILABLE]
27. 5,332,676, Jul. 26, 1994, Avipox virus promoter; Matthew M. Binns, et al., 435/320.1, 235.1; 536/23.72, 24.1; 935/6 [IMAGE AVAILABLE]
28. 5,310,671, May 10, 1994, Fowlpox virus non-essential regions; Matthew M. Binns, et al., 435/235.1, 320.1, 348; 536/23.72, 24.2; 935/32 [IMAGE AVAILABLE]
29. 5,308,838, May 3, 1994, Uses of aloe products; Bill H. McAnalley, et al., 424/278.1; 514/54, 885 [IMAGE AVAILABLE]
30. 5,283,191, Feb. 1, 1994, Marek's disease virus vaccine; Robin W. Morgan, et al., 435/252.3, 69.3, 172.3, 235.1, 252.33, 254.2, 254.21, 320.1, 349; 530/350; 536/23.72; 935/9, 32, 36, 57, 63, 65 [IMAGE AVAILABLE]
31. 5,231,023, Jul. 27, 1993, Recombinant Marek's disease virus; Robin W. Morgan, 435/349; 424/199.1; 435/320.1; 536/23.1, 23.72 [IMAGE AVAILABLE]
32. 5,223,424, Jun. 29, 1993, Attenuated herpesviruses and herpesviruses which include foreign DNA encoding an amino acid sequence; Mark D.

Cochran, et al., 435/236, 235.1, 320.1 [IMAGE AVAILABLE]

33. 5,204,096, Apr. 20, 1993, Pre-S gene coded peptide hepatitis B immunogens, vaccines, diagnostics, and synthetic lipid vesicle carriers; Alexander R. Neurath, et al., 424/189.1, 196.11, 227.1; 514/13, 14, 15, 17; 530/324, 328, 329, 350 [IMAGE AVAILABLE]

34. 5,187,087, Feb. 16, 1993, Recombinant Herpesvirus of Turkeys and live vector vaccines derived thereof; Pulus J. A. Sondermeijer, et al., 435/172.1; 424/199.1, 204.1, 214.1, 222.1, 229.1, 816; 435/172.3, 235.1, 320.1, 349; 536/23.72 [IMAGE AVAILABLE]

35. 5,182,210, Jan. 26, 1993, Fowlpox virus promoters; Matthew M. Binns, et al., 435/320.1, 69.1, 235.1; 536/24.1; 935/6, 34 [IMAGE AVAILABLE]

36. 5,165,925, Nov. 24, 1992, Vaccine for immunizing fish against infectious **pancreatic** **necrosis** virus; Jo-ann C. Leong. 424/186.1, 204.1, 817; 435/69.3; 536/23.72 [IMAGE AVAILABLE]

37. 5,158,769, Oct. 27, 1992, Pre-S gene coded peptide hepatitis B immunogens, vaccines, diagnostics, and synthetic lipid vesicle carriers; Alexander R. Neurath, et al., 424/189.1, 227.1; 530/324, 328, 329, 350 [IMAGE AVAILABLE]

38. 5,118,673, Jun. 2, 1992, Uses of alce products; Robert H. Carpenter, et al., 514/54, 935 [IMAGE AVAILABLE]

39. 5,039,522, Aug. 13, 1991, Immunogens containing peptides with an attached hydrophobic tail for adsorption to hepatitis B virus surface antigen; Alexander R. Neurath, 424/194.1, 186.1, 187.1, 190.1, 196.11, 210.1, 216.1, 227.1, 244.1, 245.1; 530/404, 405, 406 [IMAGE AVAILABLE]

40. 4,861,588, Aug. 29, 1989, Pre-S gene coded peptide hepatitis B immunogens, vaccines, diagnostics, and synthetic lipid vesicle carriers; Alexander R. Neurath, et al., 530/324; 424/189.1, 227.1, 450; 514/12, 13, 14, 15, 17; 530/328, 329, 350; 930/223, DIG.821 [IMAGE AVAILABLE]

41. 4,847,080, Jul. 11, 1989, Pre-S gene coded peptide hepatitis B immunogens, vaccines, diagnostics, and synthetic lipid vesicle carriers; Alexander R. Neurath, et al., 530/324; 424/85.1, 189.1, 196.11, 227.1; 514/12, 13, 14, 15, 17; 530/328, 329, 350; 930/220, 221, 222, 223, 260, 270, DIG.821 [IMAGE AVAILABLE]
=> d his

(FILE 'USPAT' ENTERED AT 17:05:20 ON 28 AUG 1998)

L1. 112 S IBDV OR INFECTIOUS BURSAL OR GUMBORO
L2 12 S BIRNA?

L3 41 S IPNV OR PANCREATIC NECROSIS
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L5 1 S L4 AND (L1 OR L2 OR L3)
SET HIGH OFF
L6 56 S IBDV
SET HIGH ON
L7 1 S L6 AND L4
L8 4096 S ORF OR OPEN READING FRAME#
L9 41 S L8 AND (L1 OR L2 OR L3)
=> save all 1084837/I
L# LIST 'L1-L9' HAS BEEN SAVED AS 'L084837/L'
75% OF LIMIT FOR SAVED L# LISTS REACHED
=> log hold
SESSION WILL BE HELD FOR 30 MINUTES
U.S. Patent & Trademark Office SESSION SUSPENDED AT 17:14:42 ON 28 AUG 199